

Substitute for form 1449/PTO

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of 4

Application Number	10/562,089
Filing Date	December 23, 2005
First Named Inventor	Catherine Lofton-Day
Art Unit	2161
Examiner Name	Not yet assigned
Attorney Docket Number	47675-165

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>1</sup> (if known)			
		US- 5565552	10-15-1996	Magda et al.	
		US- 5567810	10-22-1996	Weis et al.	
		US- 5574142	11-12-1996	Meyer, Jr. et al.	
		US- 5585481	12-17-1996	Arnold, Jr. et al.	
		US- 5587371	12-24-1996	Sessler et al.	
		US- 5597696	01-28-1997	Linn et al.	
		US- 5786146	07-28-1998	Herman et al.	
		US- 5958773	09-28-1999	Monia et al.	
		US- 6251594	06-26-2001	Gonzalzo et al.	
		US- 6265171	07-24-2001	Herman et al.	
		US- 6331393	12-18-2001	Laird et al.	
		US- 10/603,138	06-23-2003	Lofton-Day et al.	

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>c</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 95/00669	01-05-1995	Pharmacia Biotech AB		
		WO 95/15373	06-08-1995	McGill University		
		WO 97/46705	12-11-1997	Johns Hopkins		
		WO 99/28498	06-10-1999	Epigenomics GmbH		
		WO 00/26401	05-11-2000	Johns Hopkins		
		WO 01/75172	10-11-2001	University of Southern California		

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/562,089
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				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	47675-165

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BACHMAN et al., "Methylation-associated Silencing of the Tissue Inhibitor of Metalloproteinase-3 Gene Suggests a Suppressor Role in Kidney, Brain, and Other Human Cancers," Cancer Research, February 15, 1999, Volume 59	
		DATABASE, "H. sapiens CpG island DNA genomic MseI fragment, clone 97b5, forward read cpg97b5.ftla," XP002312906, retrieved from EBI accession no. EM_HUM:HS97B5F, October 23, 1995 (1 page)	
		EADS et al., "CpG Island Hypermethylation in Human Colorectal Tumors Is Not Associated with DNA Methyltransferase Overexpression," Cancer Research, May 15, 1999, pp. 2302-2306, Volume 59	
		EADS et al., "Epigenetic Patterns in the Progression of Esophageal Adenocarcinoma," Cancer Research, April 15, 2001, pp. 3410-3418, Volume 61	
		EADS et al., "Fields of Aberrant CpG Island Hypermethylation in Barrett's Esophagus and Associated Adenocarcinoma," Cancer Research, September 15, 2000, pp. 5021-5026, Volume 60	
		FEIL et al., "Methylation analysis on individual chromosomes: improved protocol for bisulphite genomic sequencing," Nucleic Acids Research, 1994, pp. 695-696, Volume 22, Number 4	
		FROMMER et al., "A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands," The Proceedings of the National Academy of Sciences, March 1992, pp. 1827-1831, Volume 89	
		GONZALGO et al., "Identification and Characterization of Differentially Methylated Regions of Genomic DNA by Methylation-sensitive Arbitrarily Primed PCR," Cancer Research, February 15, 1997, pp. 594-599, Volume 57	
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		GUT et al., "DNA and Matrix Assisted Laser Desorption Ionization Mass Spectrometry," Molecular Biology: Current Innovations and Future Trends, 1995, pp. 147-157, Horizon Scientific Press, Wyomondham, United Kingdom	
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		MARTIN et al., "Genomic sequencing indicates a correlation between DNA hypomethylation in the 5' region of the pS2 gene and its expression in human breast cancer cell lines," <i>Gene</i> , 1995, pp. 261-265, Volume 157	
		OLEK et al., "A modified and improved method for bisulphite based cytosine methylation analysis," <i>Nucleic Acids Research</i> , 1996, pp. 5064-5066, Volume 24, Number 24	
		OLEK et al., "The pre-implantation ontogeny of the H19 methylation imprint," <i>Nature Genetics</i> , November 1997, pp. 275-276, Volume 17	
		REIN et al., "Identifying 5-methylcytosine and related modifications in DNA genomes," <i>Nucleic Acids Research</i> , 1998, pp. 2255-2264, Volume 26, Number 10	
		SADRI et al., "Rapid analysis of DNA methylation using new restriction enzyme sites created by bisulfite modification," <i>Nucleic Acids Research</i> , 1996, pp. 5058-5059, Volume 24, Number 24	
		SANGER et al., "DNA Sequencing with chain-terminating inhibitors," <i>The Proceedings of the National Academy of Sciences</i> , December 1977, pp. 5463-5468, Volume 74, Number 12	
		TOYOTA et al., "CpG island methylator phenotype in colorectal cancer," <i>The Proceedings of the National Academy of Sciences</i> , July 1999, pp. 8681-8686, Volume 96	
		TOYOTA et al., "Identification of Differentially Methylated Sequences in Colorectal Cancer by Methylated CpG Island Amplification," <i>Cancer Research</i> , May 15, 1999, pp. 2307-2312, Volume 59	
		VAN DER KROL et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," <i>BioTechniques</i> , 1988, pp. 958-976, Volume 6, Number 10	
		VAN RIJNSOEVER et al., "Characterisation of colorectal cancers showing hypermethylation at multiple CpG islands," <i>Gut</i> , 2002, pp. 797-802, Volume 51	
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		YAN et al., "CpG Island Arrays: An Application toward Deciphering Epigenetic Signatures of Breast Cancer," <i>Clinical Cancer Research</i> , April 2000, pp. 1432-1438, Volume 6	
		YOUNG et al., "HPP1: A transmembrane protein-encoding gene commonly methylated in colorectal polyps and cancers," <i>The Proceedings of the National Academy of Sciences</i> , January 2, 2001, pp. 265-270, Volume 98, Number 1	
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		ZESCHNIGK et al., "Imprinted segments in the human genome: different DNA methylation patterns in the Prader-Willi/Angelman syndrome region as determined by the genomic sequencing method," <i>Human Molecular Genetics</i> , 1997, pp. 387-395, Volume 6, Number 3	
		ZESCHNIGK et al., "A single-tube PCR test for the diagnosis of Angelman and Prader-Willi syndrome based on allelic methylation differences at the SNRPN locus," <i>European Journal of Human Genetics</i> , March-April 1997, pp. 94-98, Volume 5, Number 2	

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First Named Inventor

Catherine Lofton-Day

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